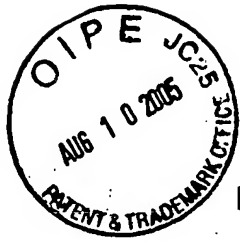


IPR



PATENT
Customer No. 22,852
Attorney Docket No. 9118.0002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
David Peter VAN HEERDEN et al.)	Group Art Unit: 3721
Application No.: 10/814,243)	Examiner: PARADISO, JOHN ROGER
Filed: April 1, 2004)	
For: HERMETICALLY SEALED)	Confirmation No. 6944
PRODUCT AND RELATED)	
METHODS OF MANUFACTURE)	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), Applicants bring to the attention of the Examiner the documents on the attached Form PTO/SB/08. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached Form PTO/SB/08.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the

documents as prior art against any claims in the application and Applicants determine that the cited document do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.


Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

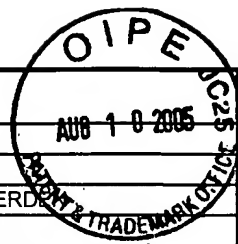
If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: August 10, 2005

By: 
Michael W. Kim
Reg. No. 51,880



IDS Form PTO/SB/08: Substitute for form 1449A/PTO				Complete if Known	
				Application Number	10/814,243
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Filing Date	April 1, 2004
				First Named Inventor	David Peter VAN HEERDEN
				Art Unit	3725
				Examiner Name	PARADISO, JOHN ROGER
				Attorney Docket Number	9118.0002
Sheet	1	of	1		

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		T.S. Dyer and Z.A. Munir; "The Combustion Synthesis of Multilayer NiAl Systems"; Scripta Metallurgica et Materialia; 1994; pp. 1281-1286; Vol. 30, No. 10.	
		D. Van Heerden, T.R. Rude, J. Newson, J. He, E. Besnoin, O.M. Knio, and T.P. Weihs; "A Tenfold Reduction in Interface Thermal Resistance for Heat Sink Mounting"; IMAPS Symposium; 2003.	
		D. Van Heerden, A.J. Gavens, S. Jayaraman, and T.P. Weihs; "Metastable Phase Formation and Microstructural Evolution During Self-Propagating Reactions in Al/Ni and Al/Monel Multilayers"; Material Research Society Symposium Proceedings; Fall 1997; pp. 533-538; Vol. 481.	
		M.E. Reiss, C.M. Esber, D. Van Heerden, A.J. Gavens, M.E. Williams, T.P. Weihs; "Self-propagating Formation Reactions in Nb/Si Multilayers"; Materials Science and Engineering; 1999; pp. 217-222; Vol. A261.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.